

# Notice of Allowability

Application No.

10/840,097

Examiner

Tuan V. Thai

Applicant(s)

OZDEMIR ET AL.

Art Unit

2186

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 06/05/2007.
2. ☒ The allowed claim(s) is/are 21-34 renumbered as 1-14.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

*Tuan V. Thai*  
TUAN V. THAI  
PRIMARY EXAMINER  
6/20/2007

Application/Control Number: 10/840,097

-Page 2-

Art Unit: 2186

Attorney's Docket No.: 20050005083

**IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE**

**In re application of:** Ozdemir et al.                      **Group:** 2186  
**Serial No.:** 10/840,097                      **Examiner:** Tuan Thai  
**For:**            **SYSTEM AND METHOD FOR MANAGING THE MEMORY IN A COMPUTER  
                      SYSTEM.**

1. This action is responsive to amendment filed June 05, 2007. Claims 1-20 and 35-40 has been canceled. Claims 21-34 are now allowed.

2. The Terminal Disclaimer filed on April 30, 2007 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of USPN 6,760,826 has been reviewed and is accepted. The Terminal Disclaimer has been recorded.

**REASONS FOR ALLOWANCE**

3. The following is an Examiner's Statement of Reasons for Allowance:

Art Unit: 2186

The prior arts of record do not teach or suggest, alone or in combination, **all** the limitations of the independent claims of the current invention (claims 21 and 27). The discussion of the reasons for allowance shall be directed to claim 21 in which the Examiner shall designate as the primary invention in this application; however, the reasons for allowance will also apply to other independent claim 27. The prior arts of record do not teach nor suggest a method comprises the steps of defining a first memory chunk of system memory, the first memory chunk being a continuous memory space of a first predetermined size; dividing the first memory chunk into a second memory chunk and a third memory chunk; assigning control of the second and third memory chunks to a chunk pool; transferring control of the second memory chunk from the chunk pool to a unit pool; separating the second memory chunk into units of a second predetermined size; and storing data of the second predetermined size in the units; similarly for other independent claim 27. In light of the foregoing, claims 21 and 27 of the present application are found to be patentable over the prior arts.

Claims 22-26 and 28-34 further limit the allowable independent claims 21 and 27 respectively. These claims are therefore allowable for the same reason as set forth above.

Any comments considered necessary by Applicant must be

Art Unit: 2186

submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan V. Thai whose telephone number is (571)-272-4187. The examiner can normally be reached on from 6:30 A.M. to 4:00 P.M..

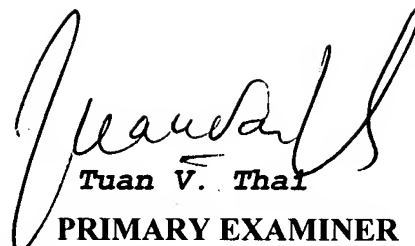
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mathew M. Kim can be reached on (571)-272-4182. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Application/Control Number: 10/840,097

-Page 5-

Art Unit: 2186

**TVT**/August 25, 2007

  
**Tuan V. Thai**  
**PRIMARY EXAMINER**  
**Group 2100**